

CLAIMS

1. A vehicle seat support structure for mounting a vehicle seat on a floor of a vehicle for selective movement between first and second positions
5 which are laterally spaced from one another relative to the vehicle, the support structure including a plurality of links, each link being adapted to be pivotally connected at one end to the vehicle seat and at its other end to the vehicle floor.
- 10 2. A vehicle seat support structure according to Claim 1 further including an upper support adapted for connection to the vehicle seat and a lower support adapted for connection to the vehicle floor, the upper and lower supports being connected to one another by said plurality of links to enable said upper and lower supports to be moved between said first and second
15 positions.
3. A vehicle seat support structure according to Claim 2 wherein the lower support is pivotally mounted at one end to enable the support structure to be tipped relative to said floor.
- 20 4. A vehicle seat support structure according to any preceding claim wherein two pairs of links are provided, the links of each pair defining a four-bar linking arrangement.
- 25 5. A vehicle seat support structure according to Claim 2 and any claim dependent thereon wherein the upper support is laterally and rearwardly offset relative to the lower support in the second position.
6. A vehicle seat support structure according to Claim 2 and any claim
30 dependent thereon wherein the upper support includes releasable locking

means to releasably lock the upper support in position relative to the lower support.

7. A vehicle seat support structure according to Claim 2 and any claim
5 dependent thereon wherein the lower support includes releasable locking means adapted to secure the lower support to the vehicle floor.

8. A vehicle seat support structure according to Claim 2 and any claim dependent thereon wherein:

10 (i) the lower support is a generally I-shaped member having two cross-bar portions and a central body member, each cross-bar portion defining a lower bearing mount at or towards each of its terminal ends;

(ii) the upper support is a generally rectangular member having two generally parallel support members, each support member including a pair
15 of spaced upper bearing mounts; and

(iii) each link connected between a respective pair of lower and upper bearing mounts.

9. A vehicle seat support structure according to Claim 8 wherein the
20 relative positions of the bearing mounts on the lower and upper supports are such that when the upper support is positioned to overlies the lower support, corresponding lower and upper bearing mounts are aligned with each other.

10. A vehicle seat support structure according to Claim 8 or Claim 9
25 wherein each bearing mount is shaped to define a generally planar bearing surface.

11. A vehicle seat support structure according to Claim 10 wherein each link includes a pivot arm formed to define a generally planar connector
30 portion at each end, each connector being mounted on the bearing surface of

a respective bearing mount such that the connector portion is pivotal relative to the bearing mount.

12. A vehicle seat support structure according to Claim 11 wherein a
5 thrust washer is located between each bearing mount and a respective connector portion.

13. A vehicle seat support structure according to Claim 6 and any one of
Claims 8-12 wherein the releasable locking means includes at least one
10 locking pin associated with one or more of the upper bearing mounts, the or each locking pin being releasably engageable with the link connected to the upper bearing mount to prevent movement of the upper support relative to the lower support.

14. A vehicle seat support structure according to Claims 11 and 13
15 wherein the or each locking pin is biased into engagement with an aperture provided in the respective connector portion to prevent pivotal movement of the connector portion relative to the upper bearing mount.

15. A vehicle seat support structure according to Claim 14 wherein the
20 upper support includes a release bar movably connected at each end to a respective support member, the or each locking pin being connected to the release bar such that on movement of the release bar the or each locking pin is disengaged from the aperture provided in the respective connector
25 portion.

16. A vehicle seat support structure according to Claim 15 wherein the release bar is biased to return to a positions where the or each locking pin is engaged in the aperture provided in the respective connector portion.

17. A vehicle seat support structure according to any of Claims 8 to 16 wherein the lower support includes at least one floor latch on its underside adapted to releasably secure the lower support to the sub-frame.

5 18. A vehicle seat support structure according to Claim 17 wherein the upper support includes a supplemental bar movably connected at each end to a respective support member, the or each floor latch being connected to the supplemental bar when the upper support is connected to the lower support such that on movement of the supplemental bar the or each floor
10 latch is engageable and disengageable relatively with the sub-frame.

19. A vehicle seat support structure according to Claim 17 or Claim 18 wherein the lower support further includes at least one floor hook on its underside adapted to releasably secure the lower support to a striker bar on
15 the sub-frame such that on release of the or each floor latch, the lower support is pivotal about the striker bar.

20. A vehicle seat support structure generally as herein described with reference to and/or as illustrated in the accompanying drawings.